
Male Connector With Retaining Element

Abstract

The invention relates to a male connector 13 for connecting to a female connector, which female connector housing has on its outer face at least one retaining projection. The male connector 13 comprises a male connector housing 14 with an elastic locking arm 21 with a locking strut 23. The male connector 13 has a slider 29 arranged to, which is displaceably held on the male connector housing 14 in an axially limited way. In the locking position the slider 29 prevents a deflection of the locking arm 21 and releases the same in a position different thereto. Compression springs 27, supported on the male connector housing 14 and on the slider 29, act on the slider 29 for taking up its locking position. An elastic retaining element 35 made from round steel, is mounted on the slider 29. In the relaxed condition of the spring leg 37, the retaining element 35 contacts the end face 6 of the female connector housing. By means of abutting a releasing face of the male connector housing 14 the retaining element is brought out off contact to the end face of the female connector housing.

Fig. 2